

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	977	239/302	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:12
S2	10	("3090530"   "3524589"   "3714967").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:12
S3	7	"3524589"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:18
S4	29506	spray gun	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:21
S5	1077164	reservior or tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:21
S6	1418859	cap or lid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:21
S7	805	S4 and S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:21

S8	26	S7 and tab	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 10:22
S9	14	("20020134861"   "20030121476"   "3240398"   "4832232"   "5042840"   "5582350"   "5655714"   "5816501"   "6435426"   "6675845"   "6874656"   "6945429"   "6962432").PN. OR ("7416140").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 10:49
S10	14	("20020134861"   "20030121476"   "3240398"   "4832232"   "5042840"   "5582350"   "5655714"   "5816501"   "6435426"   "6675845"   "6874656"   "6945429"   "6962432").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 10:59
S11	2	"10540777"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:00
S12	26	("20020005415"   "4513784"   "4513891"   "5086950"   "5110013"   "5240149"   "5320253"   "5320254"   "5348046"   "5507318"   "5588562"   "5819823"   "5896898"   "5908143"   "5944211"   "6062248"   "6073809"   "6095370"   "6109480"   "6142750"   "6152327"   "6206058"   "6328543").PN. OR ("6874656").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:13
S13	14	("20020134861"   "20030121476"   "3240398"   "4832232"   "5042840"   "5582350"   "5655714"   "5816501"   "6435426"   "6675845"   "6874656"   "6945429"   "6962432").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:19
S14	1300	S4 and vent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 11:31
S15	371	S14 and cap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 11:32
S16	60	("3504818"   "3682345"   "3902621"   "3902921"   "3963139"   "3980195"   "4034882"   "4053077"   "4084716"   "4469253"   "4500016"   "4561553"   "4589561"   "4801032"   "4948003"   "5104008"   "5135123"   "5257724"   "5356019"   "5429282").PN. OR ("5588562").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:34
S17	655	222/544	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:49
S18	417	222/160	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:49
S19	1571	222/566	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:49
S20	452	222/498	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:49

S21	196	222/499	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:49
S22	197	222/502	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:49
S23	614	valve lid	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:54
S24	1305	valve near lid	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:54
S25	11781	(222/546-564).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/02 11:55
S26	308	S24 and vent	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/02 11:57
S27	1	paint gun near stopper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:05
S28	0	paint gun near plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:05
S29	134	paint gun and plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:06
S30	3076756	reservior or tank or container or bottle or cup or reserve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:16
S31	1455514	stopper or plug or cork or wedge or bung	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:16

S32	309628	S30 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:16
S33	33698	S32 and vent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:16
S34	23045	sealing surfaces	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:17
S35	476	S33 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:17
S36	242	vented plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:26
S37	3637	S18 or S19 or S20 or S21 or S17 or S25 and vent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:30
S38	643	S37 and plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:30
S39	548	S38 and (tank or container or reservoir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/02/02 12:31
S40	0	("2004/0129738").URPN.	USPAT	ADJ	OFF	2009/02/02 12:32

S41	0	22/519	USPAT	ADJ	OFF	2009/02/02 12:57
S42	280	222/520	USPAT	ADJ	OFF	2009/02/02 12:57
S43	421	222/522	USPAT	ADJ	OFF	2009/02/02 12:57
S44	1032	(222/523-525).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/02 12:57
S45	5	("2721004").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/02 13:04
S46	5	("2721004").URPN.	USPAT	ADJ	OFF	2009/02/02 13:04
S47	2	("3524589").URPN.	USPAT	ADJ	OFF	2009/02/03 08:11
S48	11	("1703384"   "3524589"   "4693423"   "D078205"   "D211172").PN. OR ("D346851").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/03 08:12
S49	244	220/360	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/03 10:18
S50	131	220/345.4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/03 10:18
S51	252	220/345.1	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/03 10:18
S52	429	220/287	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/03 10:18
S53	133	(S49 or S50 or S51 or S52) and Vent	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/03 10:21
S54	5	"2004003677"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 16:10

S55	32706	spray gun	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 16:10
S56	95	spray gun reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 16:11
S57	2682	(spray gun) and reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 16:11
S58	344	S57 and vent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 16:11
S59	2682	(spray gun) and reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 08:13
S60	344	S59 and vent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 08:13
S61	12	S60 and (vent same (snap or clip or click))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 08:14
S62	82241	container and vent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 08:16

S63	2964	S62 and (vent same (snap or clip or click))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 08:16
S64	39	("20020134861"   "20030121476"   "20060000927"   "20070158349"   "20070221754"   "20080128533"   "20080179763"   "3240398"   "4832232"   "5042840"   "5582350"   "5655714"   "5816501"   "6435426"   "6675845"   "6874656"   "6945429"   "6962432").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 12:57
S65	60	("3504818"   "3682345"   "3902621"   "3902921"   "3963139"   "3980195"   "4034882"   "4053077"   "4084716"   "4469253"   "4500016"   "4561553"   "4589561"   "4801032"   "4948003"   "5104008"   "5135123"   "5257724"   "5356019"   "5429282").PN. OR ("5588562").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:20
S66	9	resealable plastic closure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:20
S67	14302	vent valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:20
S68	2832	S67 and slide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:20
S69	600	S68 and (clip or snap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:21
S70	600	S69 and vent	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:21
S71	337	S69 and groove	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:22
S72	129	S71 and rib	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:22
S73	243	(239/345).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/16 08:29
S74	362	(239/346).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/16 08:29

S75	419	(239/379).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/16 08:29
S76	231	(239/dig.14).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/16 08:29
S77	1128	S73 or S74 or S75 or S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/16 08:29
S78	255	220/360	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:28
S79	140	220/345.4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:28
S80	274	220/345.1	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:28
S81	441	220/287	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:28
S82	136	(S78 or S79 or S80 or S81) and Vent	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:28
S83	25	schmon-ewald.in.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:37
S84	7	dettlaff-peter.in.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:38
S85	21	sata.as.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/09/16 09:38
S87	23668	((239/302,308,409,414,527,321,320,379,316,345,346,347,379,DIG14) or (222/105,183,160,566,498-499,502,544,546-564,519-520,522-525) or (220/625,360,345.4,345.1,287)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/12 12:50
S88	1758	S87 and (vent or ventilation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/01/12 12:58

S89	504	S88 and (spray or gun or paint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/01/12 12:58
S90	323	("0533489"   "0856361"   "0996956"   "1476668"   "1488125"   "1556913"   "1703384"   "1710435"   "1722101"   "1843269"   "20010004996"   "20020134861"   "20020175171"   "20030006310"   "20030006311"   "20030121476"   "20030209568"   "20030209573"   "20030213857"   "20040046051"   "20040155063"   "20050029285"   "20050156058"   "20050241722"   "20050242107"   "20050258271"   "20050263614"   "20050279748"   "20060000927"   "20060017286"   "20060065591"   "20060175433"   "20070158349"   "20070221754"   "20080128533"   "20080179763"   "2111859"   "2177032"   "2263843"   "2264564"   "2593639"   "2606586"   "2609961"   "2612404"   "2770706"   "2801880"   "2844267"   "2851187"   "2901182"   "3035623"   "3066872"   "3090530"   "3157360"   "3198438"   "3199438"   "3211324"   "3227305"   "3236459"   "3240398"   "3255972"   "3270920"   "3381845"   "3393842"   "3401842"   "3432104"   "3437242"   "3507309"   "3554450"   "3593921"   "3672645"   "3674074"   "3757718"   "3773211"   "3773571"   "3776408"   "3780950"   "3784039"   "3790017"   "3790021"   "3888347"   "3892306"   "3934746"   "3940052"   "3964689"   "4043510"   "4122973"   "4140279"   "4151929"   "4159081"   "4162030"   "4174071"   "4193506"   "4258862"   "4285440"   "4298134"   "4321922"   "4322020"   "4339046"   "4347948"   "4356930"   "4379455"   "4383635"   "4388044"   "4388997"   "4403738"   "4405088"   "4406406"   "4411387"   "4411397"   "4433812"   "4434810"   "4455140"   "4516693"   "4558792"   "4559140"   "4562965").PN. OR ("4586628"   "4633052"   "4634003"   "4657151"   "4723712"   "4760962"   "4773569"   "4805443"   "4805799"   "4811904"   "4813556"   "4832232"   "4836764"   "4886212"   "4909409"   "4930644"   "4936511"   "4946075"   "4951875"   "4971251"   "4993639"   "5020700"   "5035339"   "5042840"   "5052623"   "5059319"   "5060816"   "5067518"   "5069389"   "5094543"   "5115943"   "5119992"   "5119993"   "5123571"   "5143242"   "5143294"   "5186828"   "5209365"   "5209501"   "5236128"   "5236506"   "5242085"   "5260101"   "5271683"   "5301838"   "5318332"   "5328095"   "5332121"   "5337921"   "5363556"   "5368395"   "5385251"   "5405090"   "5415352"   "5424086"   "5454488"   "5460289"   "5468383"   "5492242"   "5553748"   "5569377"   "5582350"   "5601212"   "5607082"   "5617972"   "5655714"   "5713519"   "5772079"   "5789684"   "5797520"   "5803367"   "5806711"   "5810258"   "5816501"   "5826795"   "5829588"   "5853102"   "5858313"   "5899362"   "5918815"   "5975346"   "5996427"   "6012651"   "6019294"   "6036114"   "6053314"   "6053429"   "6092740"   "6165159"   "6187711"   "6189809"   "6196410"   "6213410"   "6230987"   "6257429"   "6276558"   "6302445"   "6383572"   "6435426"   "6536687"   "6543632"   "6585173"   "6588681"   "6595441"   "6598762"   "6675845"   "6698670"   "6712292"   "6718664"   "6786345"   "6796514"   "6820824"   "6874656"   "6877677"   "6886707"   "6938836"   "6945429"   "6958033"   "6962432"   "7028921"   "7063745"   "7086549"   "7416140"   "D257668"   "D386654").PN. OR ("Re30968").PN. OR ("2004/0140373"   "2004/0251269"   "2004/0256484"   "2004/0256485"   "2005/0067502"   "2005/0247804"   "2005/0263614"   "2005/0279859"   "2005/0279861"   "2006/0043217"   "2006/0054719"   "2006/0144960"   "2006/0151630"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/01/19 11:40

		"2006/0157589"   "2006/0175433"   "2006/0175434"   "2006/0249597"   "2006/0261185"   "2007/0034717"   "2007/0095932"   "2007/0108313"   "2007/0205305"   "2008/0054087"   "2008/0093479"   "2009/0014557"   "2009/0078789"   "2009/0078790"   "3136486"   "5816501"   "6435426"   "6820824"   "6945429"   "7028921"   "7083119"   "7090148"   "7165732"   "7172139"   "7201289"   "7374111"   "7410106"   "7416140"   "7513443"   "7568638"   "7614571").URPN.			
S91	46	("1809073"   "2305269"   "2923481"   "3788526").PN. OR ("4411387").URPN.	US-PG PUB; USPAT; USOOR	ADJ	ON 2010/01/19 11:41

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	73	((239/302,308,409,414,527,321,320,379,316,345,346,347,379,DI G14) or (222/105,183,160,566,498-499,502,544,546-564,519-520,522-525) or (220/625,360,345.4,345.1,287)).CCLS.	UPAD	OR	OFF	2010/06/08 15:35
L4	0	(fluid and reservoir and paint and spray and gun and receptacle and lid and ventilation and port and opened and closed and valve and double and seat and tapered and through and hole and wall and first and second and external diameter and exterior surface and cylinder and hollow cylinder and base body and internal diameter and equal and support and second valve seat and seal)	USPAT; UPAD	ADJ	ON	2010/06/08 15:40
L5	0	(fluid and reservoir and paint and spray and gun and receptacle and lid and ventilation and port and opened and closed and valve and double and seat and tapered and through and hole and wall and first and second and external diameter and exterior surface and cylinder and hollow cylinder and base body and internal diameter and equal and support and second valve seat and seal).clm.	USPAT; UPAD	ADJ	ON	2010/06/08 15:40
S86	2	reservoir and vent and tapered and skirt and cap and lid and receptacle and valve and plug and web and attached	USPAT; UPAD	ADJ	OFF	2009/09/16 09:54

6/8/2010 3:41:20 PM

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